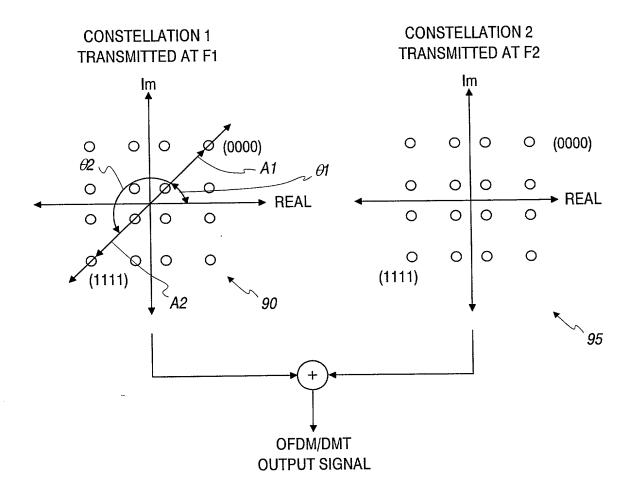
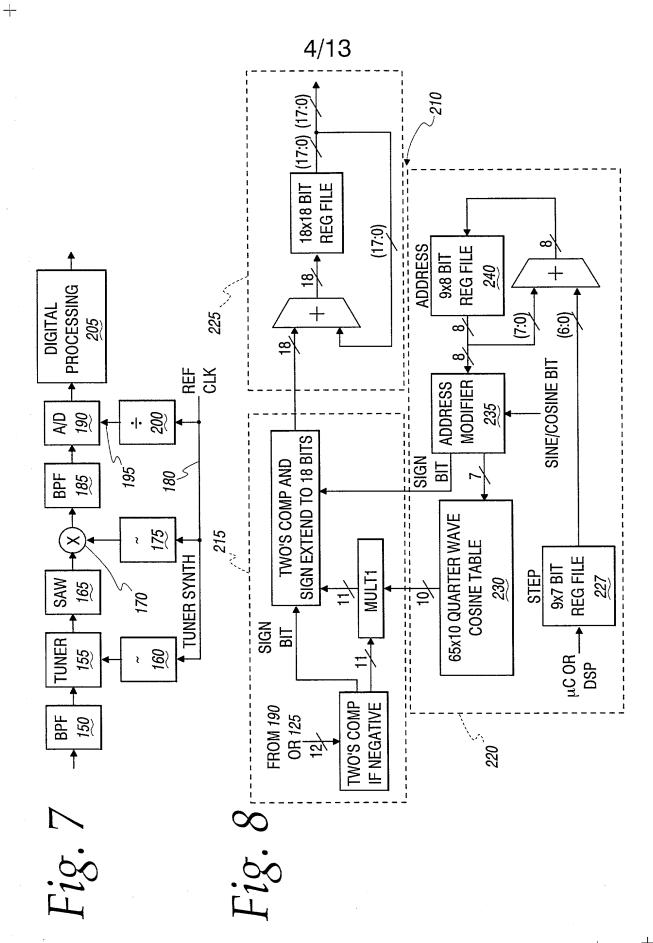


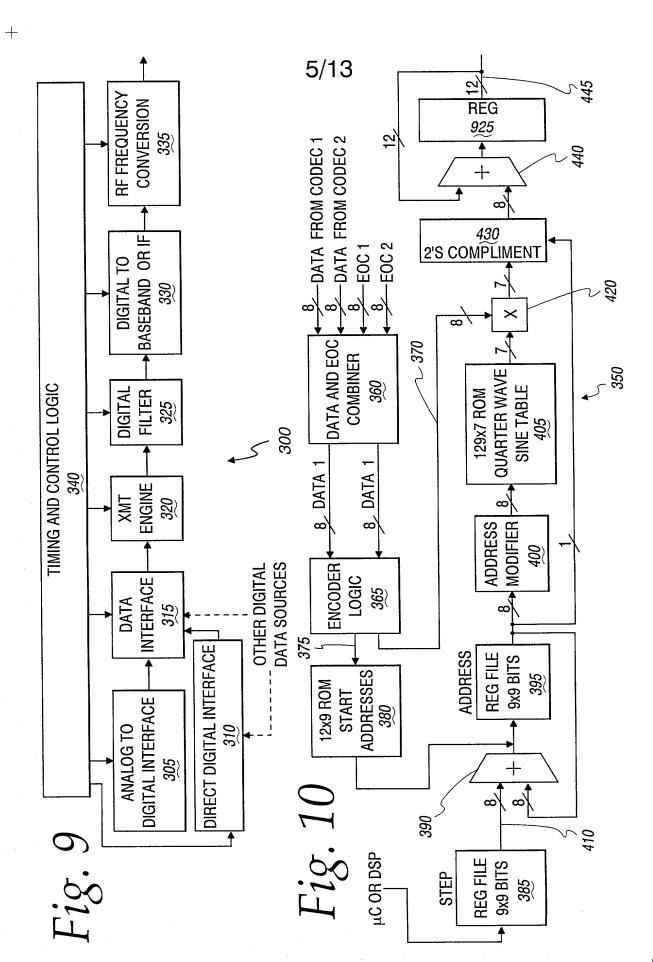
Fig. 3

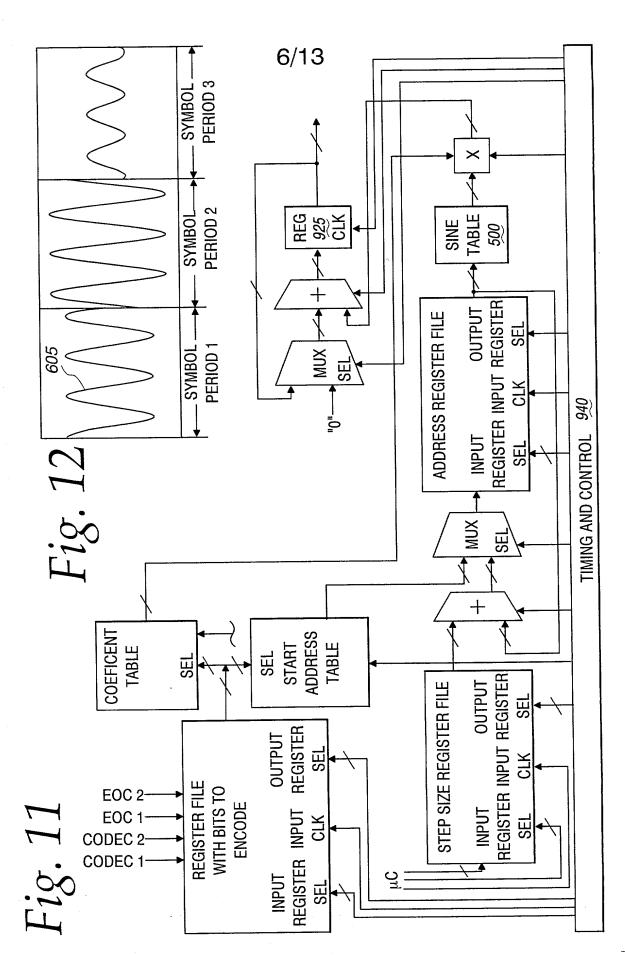


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BANDWIDTH ALLOCATED TO CABLE TELEPHONY AND USED BY THE HEAD END UNIT







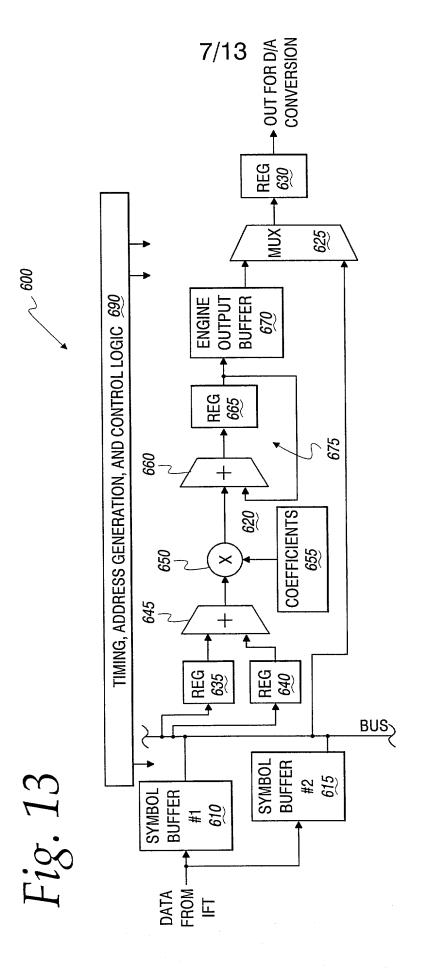


Fig. 14

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1: 1000 101	1: 1001 101	1: 1049 101	1: 1050 101	1: 1099 101
1: 1001 100	1: 1002 100	1: 1050 100	1: 1051 100	2:
1: 1002 99	1: 1003 99	1: 1051 99	1: 1052 99	2:
1: 1003 98	1: 1004 98	1: 1052 98	1: 1053 98	2: 2 98
1: 1004 97	1: 1005 97	1: 1053 97	1: 1054 97	2:
1: 1005	1: 1006	1: 1054	1: 1055 96	2:
$\begin{vmatrix} 1:\\ 1049\\ 52 \end{vmatrix}$	1: 1050 52	$\begin{vmatrix} 1 : \\ 1098 \\ 52 \end{vmatrix}$	1: 1099 52	2: 48 52
1: 1050 51	1: 1051 51	1: 1099 51	2: 0 51	2: 49 51
1: 1051 50	1: 1052 50	2:	2:	2: 50
1: 1096 5	1: 1097 5	2: 45	2: 46 5	2: 95
1: 1097 4	1: 1098 4	2: 46 4	2: 47	2: 96 4
1: 1098 3	1: 1099 3	2: 47	2: 48 3	2: 97
1: 1099 2	2:	2: 48	2: 49 2	2: 98 2
A 2: TAPS 1	B 2: TAPS 1	C 2: 49 TAPS 1	D 50 TAPS 1	E 2: TAPS 1

9/13 RSU SYNCHRONIZES INTERNAL CLOCKS TO THE HE RSU ACQUIRES THE DOWNSTREAM RSU ACQUIRES SYMBOL TIMING COMMUNICATIONS CHANNEL BETWEEN THE RSU AND HE SET UP COMMUNICATIONS Fig. 16 740 220 <u>730</u> <u>7</u>20 **POINTER** READ 705 Fig. 15 3:1050-3:1099 ENGINE OUTPUT BUFFER 4:0-4:49 **POINTER** ENGINE WRITE 615 3:1050-3:1099 4:1050-4:1099 3:50-3:1049 4:50-4:1049 BUFFER SYMBOL SYMBOL 4:0-4:49 5:0-5:49 BUFFER **POINTER**

WRITE

BEGIN NORMAL COMMUNICATIONS

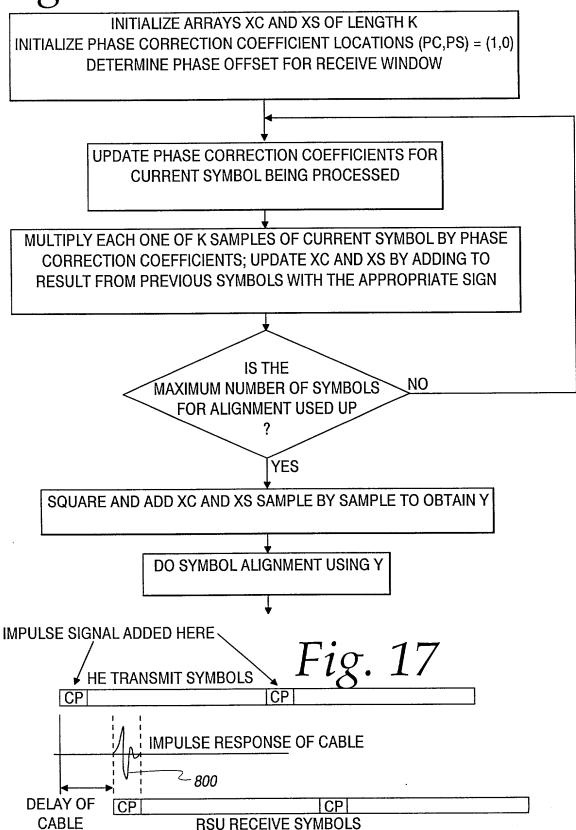
BETWEEN THE HE AND RSU

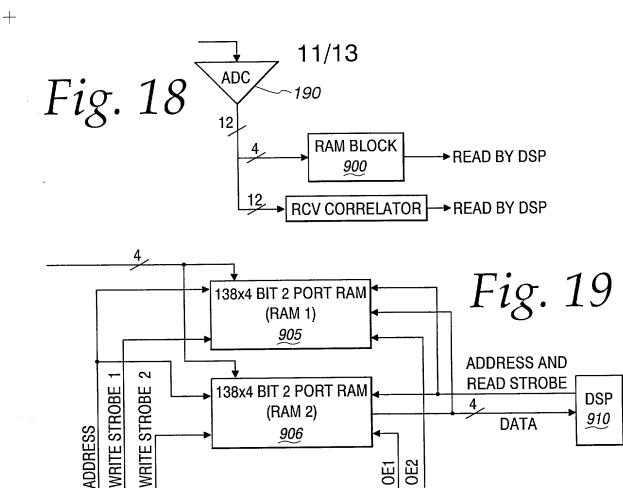
992

Fig. 16B

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CONTROL AND ADDRESS GENERATION

Fig. 20

